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Electro-Voice®  
a gulton company

## Model PL5 Dynamic Omnidirectional Instrument Microphone

### SPECIFICATIONS

**Element:** Dynamic  
**Frequency Response:** 80-13,000 Hz  
**Polar Pattern:** Omnidirectional  
**Impedance:** Lo-Z, 150 ohms balanced  
**Output Level:**  
-55 dB  
(0 dB = 1 mW/10 dynes/cm<sup>2</sup>)  
**Pop Filter:** Built-in Acoustifoam™  
**Grille Screen Material:** Memraflex (tempered spring steel)  
**Case Material:** Steel  
**Finish:** Non-reflecting gray  
**Dimensions:**  
151 mm (5.94") long  
36 mm (1.41") diameter  
**Weight:**  
170 g (6 ounces)  
**Accessories Included:**  
310 stand clamp  
Zippered vinyl carrying case  
**Optional Accessories:**  
312 clamp  
314E windscreens  
380 attenuator  
541 cable  
542 cable  
543 cable  
544 cable

### DESCRIPTION AND APPLICATIONS

The Electro-Voice Model PL5 follows in the footsteps of the PL9. It is a very versatile dynamic omnidirectional microphone that can be used on any number of instruments. Like all E-V mikes, the PL5 is extremely rugged and reliable. It will provide many years of faithful service.

Feedback in live entertainment situations is caused by sound being reflected off walls, speaker systems, amps, mixers, etc. back into the microphone. Microphones and speaker systems that exhibit peaked frequency response curves tend to trigger a feedback situation. Feedback problems can be minimized by using microphone and speaker systems that exhibit an overall smooth, peak free frequency response. The pro-line family of Electro-Voice microphones have an overall smoothness of frequency response that helps significantly to control feedback problems.

Feedback problems can be further minimized by using close miking techniques on all microphones used whether they be instrument microphones or vocal microphones. Close miking techniques help reduce feedback because the microphone's signal to the amplifier is at a maximum in this condition and the amplifier's gain setting can be reduced appreciably.

This yields a significant reduction of back-ground and reflected sound to the microphone as compared to the entertainer's voice giving more system sound output before feedback.

**WARRANTY (Limited) — All**  
Electro-Voice PL Microphones are guaranteed for two years from date of original purchase against defects in workmanship and materials. If such malfunction occurs, microphone will be repaired or replaced (at our option) without charge for materials or labor if delivered prepaid to the proper Electro-Voice service facility. Unit will be returned prepaid. Warranty does not cover finish or malfunction due to abuse or operation at other than specified conditions. Repair by other than Electro-Voice or its authorized service agencies will void this guarantee.

For repair information and service locations, please write: Service Department, Electro-Voice, Inc., 600 Cecil Street, Buchanan, Michigan 49107 (Phone 616/695-6831) or Electro-Voice West, 8234 Doe Avenue, Visalia, CA 93277 (209/625-1330-1)

Electro-Voice also maintains complete facilities for non-warranty service of E-V products.

Specifications subject to change without notice.

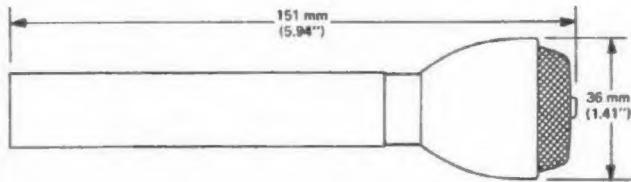


FIGURE 1 – Dimensions

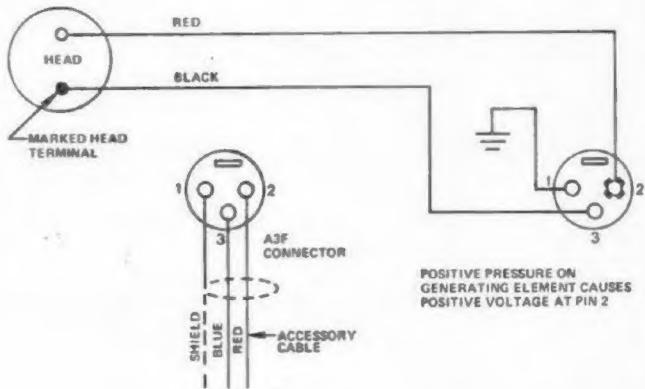


FIGURE 2 – Wiring Diagram

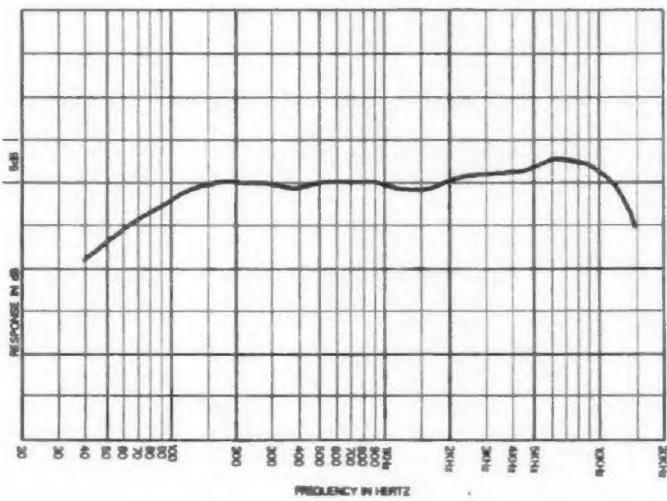


FIGURE 3 – Frequency Response

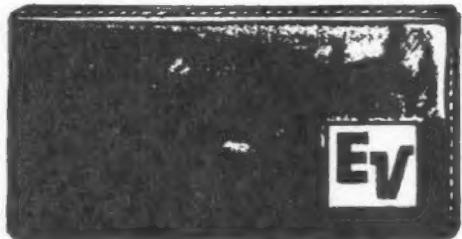


FIGURE 4 – Zippered Vinyl Carrying Bag

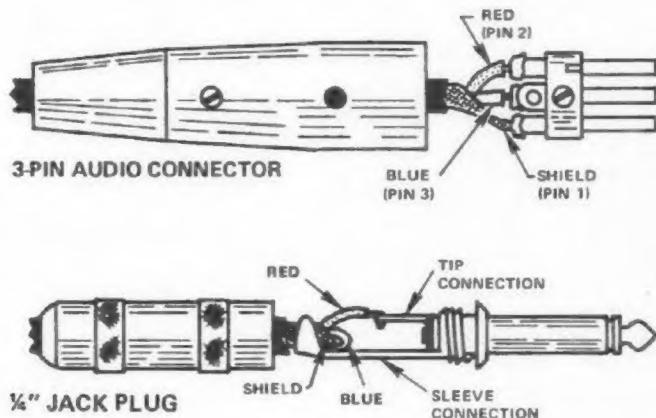


FIGURE 5 – 3-Pin Connector & 1/4" Jack Plug Wiring Connections